Supplementary data

Table 1: diagnostic tests for each of the questions in each of the groups:

		Sensitivity Estimate[lower-upper]	Specificity Estimate[lower-upper]	Odds ratio Estimate [lower-upper]	Positive predictive value Estimate [lower-upper]	Negative predictive value Estimate [lower-upper]	Positive likelihood ratio Estimate[lower-upper]	Negative likelihood ratio Estimate[lower-upper]
Prospective cohort	≥2 affirmative answers	0.84[0.68,0.94]	0.87[0.83,0.90]	33.96[13.61,84.78]	0.34[0.24,0.44]	0.98[0.97,1.00]	6.34[4.83,8.34]	0.19[0.09,0.39]
	Question 1 answered as "yes"	0.96[0.82,0.99]	0.79[0.75,0.83]	66.72[15.77,282.32]	0.27[0.19,0.35]	0.99[0.98,1.00]	4.55[3.75,5.53]	0.07[0.02,0.26]
	Question 2 answered as "yes"	0.73[0.39,0.94]	0.89[0.82,0.94]	21.33[5.10,89.27]	0.35[0.16,0.57]	0.98[0.93,0.99]	6.54[3.60,11.91]	0.31[0.12,0.81]
	Question 3 answered as "yes"	0.68[0.50,0.82]	0.79[0.75,0.82]	7.74[3.75,15.95]	0.20[0.14,0.29]	0.97[0.95,0.98]	3.19[2.40,4.23]	0.41[0.26,0.66]
	Question 4 answered as "yes"	0.11[0.03,0.25]	1.00[0.99,1.00]	Infinite	1.00[0.28,1.00]	0.93[0.91,0.95]	Infinite	0.89[0.80,1.00]
External retrospective validation cohort	≥2 affirmative answers	0.80[0.69,0.88]	0.95[0.84,0.97]	83.3[43.13,159.83]	0.62[0.51,0.72]	0.98[0.97,0.99]	17.41[12.46,24.32]	0.21[0.13,0.33]
	Question 1 answered as "yes"	0.95[0.87,0.99]	0.91[0.89,0.93]	177.99[63.19,501.32]	0.49[0.41,0.58]	0.99[0.99,1.00]	10.44[8.33,13.08]	0.06[0.02,0.15]
	Question 2 answered as "yes"	0.53[0.41,0.65]	0.96[0.94,0.97]	26.74[15.09,47.37]	0.55[0.43,0.66]	0.96[0.94,0.97]	13.01[8.76,19.32]	0.49[0.38,0.62]
	Question 3 answered as "yes"	0.37[0.28,0.51]	0.93[0.91]0.94]	7.97[4.67,13.61]	0.33[0.23,0.44]	0.94[0.92,0.96]	5.28[3.62,7.69]	0.66[0.55,0.79]
	Question 4 answered as "yes"	0.23[0.14,0.38]	1.00[0.99,1.00]	Infinite	1.00[0.73,1.00]	0.93[0.91,0.95]	Infinite	0.77[0.68,0.87]